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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUN 7 1995

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MEMORANDUM:

SUBJECT: THE ESTABLISHMENT OF A WPS INTERIM REI FOR DELTAMETHRIN

FROM: Tina Manville, Biologist *Tina Manville*
Special Review and Registration Section II

TO: George Larocca/John Hebert
PM Team 13
Registration Division

THRU: Mark I. Dow, Ph.D., Section Head *Mark I. Dow*
Special Review and Registration Section II

Larry C. Dorsey, Chief
Occupational and Residential Exposure Branch *Larry C. Dorsey*
Health Effects Division (7509C)

Please find below, the OREB review of:

DP Barcode: D215783

Pesticide Chemical Code: 097805

EPA Reg. No.: 34147-

Registration Division has asked OREB to establish a Worker Protection Standard (WPS) interim restricted entry interval (REI) for deltamethrin. Deltamethrin was registered last year for an indoor use, and is in the process of being registered for a food use. Deltamethrin was not on the active ingredient list in PR Notice 93-7 Supplement 3-A that listed WPS REIs.

The WPS REIs are based on the acute toxicity of the technical grade product. Table one lists the acute toxicity for deltamethrin (personal communication with John Doherty, 6/1/95, TB I).



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contains at least 50% recycled fiber

TABLE ONE: ACUTE TOXICITY OF DELTAMETHRIN	
Tox Test	Tox Category
Acute oral	II
Acute Dermal	III
Acute Inhalation	III
Primary Eye Irritation	III
Primary Dermal Irritation	IV
Dermal Sensitization	No

Please note the Data Evaluation Record included in the BEAN packet listed the acute oral tox category as III, it is actually a category II.

For the purpose of setting an interim REI, the WPS states that the following acute tox categories must be considered: acute dermal, and primary eye and primary dermal irritation. The most toxic applicable tox category is used to determine the REI. For deltamethrin it is tox category III.

CONCLUSIONS:

OREB establishes the WPS interim REI for deltamethrin at 12 hours since it is a category III compound for the applicable tox categories.

cc: T. Manville
 Chemical File: DELTAMETHRIN (097805)
 Correspondence